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August 16, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUBJECT: Applicants: Elliott et al.  
Serial No: 09/736,073  
Filed: December 13, 2000  
For: SCANNING PLASMA REACTOR  
Examiner: Crowell, Anna M.  
Group: 1763  
Docket No: UV-102J

Dear Sir:

Enclosed is a RESPONSE in reply to the Office Action mailed March 20, 2006 in the subject application. Also enclosed is a check in the amount of \$500.00 for two (2) additional independent claims for a claim total in excess of twenty (20) claims. Further enclosed is a Petition for Extension of Time Within the Second Month and a check in the amount of \$450.00 pursuant to 37 CFR §1.17(a)(2) to file an extension of time.

If for any reason this RESPONSE is found to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts at (781) 890-5678.

If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to my Deposit Account No. 09-0002. A copy of this letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

In addition, pursuant to Rule 1.136(a)(3), the Office is hereby authorized to treat any reply requiring an extension of time as incorporating a request therefor. Also, any request or Petition for an Extension of Time notwithstanding an inadvertent reference in the Petition to a shorter period of time is to be treated as requesting the appropriate length of time.

Commissioner for Patents  
August 16, 2006  
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Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,



Thomas E. Thompson, Jr.  
Reg. No. 47,136

TET:ok  
Enclosures

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

August 16, 2006.



Olga Kadish



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Olga Kadish

RESPONSE

This Response is in reply to the Office Action mailed March 20, 2006 in the subject application. Please amend the above-identified application as follows.

**Amendments to the Claims** are set forth in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

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01 FC:1201	400.00 OP
02 FC:1202	100.00 OP